

ASSIGNMENT 1

Textbook Assignment: "Engineering Administration," Chapter 1, pages 1-2 through 1-23.

IN ANSWERING QUESTIONS 1-1 THROUGH 1-7, SELECT FROM COLUMN B THE ENGINEERING DEPARTMENT OFFICERS RESPONSIBLE FOR THE DUTIES IN COLUMN A. RESPONSES FROM COLUMN B MAY BE USED MORE THAN ONE TIME.

<u>A. DUTIES</u>	<u>B. OFFICERS</u>
1-1. Directs the division through work center supervisors	1. Engineer officer 2. Training officer
1-2. Responsible for the completion of all repairs within the capacity of the shops in the engineering department	3. Electrical officer 4. Division officer
1-3. Administers and executes the ship's electrical safety program	
1-4. Responsible for developing a department training program in support of the training objectives of the ship	
1-5. Responsible for the operation, care, and maintenance of all propulsion and auxiliary machinery	
1-6. Maintains the department's training records and training reports	
1-7. Assigns watches and duties within the division	

1-8. The three main assistants to the engineer officer are the main propulsion assistant, the electrical officer, and the

1. damage control assistant
2. training officer
3. division chief petty officer
4. small boat engineer

1-9. Which of the following personnel is responsible for screening the engineering department's incoming correspondence and initiating the required action?

1. The administrative assistant
2. The training officer
3. The damage control assistant
4. The division chief petty officer

1-10. A list of all Navy schools and their requirements can be found in which of the following publication?

1. NSTM, chapter 541
2. NAVEDTRA 10120-J
3. NAVEDTRA 10500
4. NAVEDTRA 10054-F

1-11. The duties and responsibilities of the gas-free engineer are described in what chapter of the Naval Ships' Technical Manual?

1. 221
2. 074
3. 262
4. 504

1-12. What division operates the boilers and fireroom auxiliary machinery?

1. B division
2. M division
3. E division
4. R division

1-13. What division is responsible for keeping the ship watertight?

1. A division
2. B division
3. M division
4. R division

1-14. On steam-driven ships, the oil and water king is either a BT or a/an

1. ML
2. MM
3. EM
4. IC

1-15. What instruction describes the 3-M Systems in detail?

1. OPNAVINST 5100.20-C
2. SECNAVINST 5215.1C
3. OPNAVINST 3120.32B
4. OPNAVINST 4790.4

1-16. What rating is responsible for making wooden, plastic, plaster, and metal patterns?

1. MR
2. IM
3. OM
4. PM

1-17. What is OPNAVINST 5100.19?

1. The 3-M Manual
2. The SORM
3. The NSTM
4. Navy Safety Precautions for Forces Afloat

1-18. Firemen, Enginemen, or Machinist's Mates are detailed as boat engineers from what division?

1. B division
2. A division
3. M division
4. R division

1-19. Which of the following ratings is responsible for operating, maintaining, and repairing reciprocating engines?

1. EN
2. IC
3. MR
4. OM

1-20. What officer is responsible for the safety of the entire command?

1. The engineering officer of the watch
2. The engineer officer
3. The executive officer
4. The commanding officer

1-21. DANGER tags are what color?

1. Orange
2. Black
3. Red
4. Yellow

1-22. CAUTION tags are what color?

1. Green
2. Yellow
3. Red
4. Purple

1-23. OUT-OF-CALIBRATION labels are what color?

1. Orange
2. Red
3. Yellow
4. Brown

1-24. OUT-OF-COMMISSION labels are what color?

1. Orange
2. Yellow
3. White
4. Red

1-25. When a Ship is in port, an audit of the tag-out log should be conducted by the EDO at least how often?

1. Every week
2. Every 2 weeks
3. Every 3 weeks
4. Every month

- 1-26. When a ship is in the yards, an audit of the tag-out log should be conducted by the EDO at least how often?
1. Every week
 2. Every 2 weeks
 3. Every 3 weeks
 4. Every month
- 1-27. The EOSS was developed by which of the following commands?
1. OPNAV
 2. NMPC
 3. NAVSEA
 4. CNET
- 1-28. The EOSS involves the participation of which of the following personnel?
1. Department heads only
 2. Watch standers only
 3. Enginemen only
 4. All personnel from the department head to the watch stander
- 1-29. The EOSS was designed for which of the following purposes?
1. To improve the operational readiness of the ship's engineering plant
 2. To increase operational efficiency and provide better engineering plant control
 3. To reduce operational casualties and extend equipment life
 4. All of the above
- 1-30. The EOSS is composed of which of the following parts?
1. The User's Guide
 2. The engineering operational procedures
 3. The engineering operational casualty control
 4. All of the above
- 1-31. The administrative organization for all types of ships is prescribed in which of the following instruction?
1. OPNAVINST 5100.23B
 2. OPNAVINST 3120.32B
 3. OPNAVINST 4790.4B
 4. SECNAVINST 5216.5C
- 1-32. The ultimate responsibility for organization of the officers and crew of a ship belongs to which of the following officers?
1. The administrative officer
 2. The engineer officer
 3. The executive officer
 4. The commanding officer
- 1-33. Which of the following ratings is responsible for operating, maintaining, and repairing gyrocompasses, alarms, and voice interior communication systems?
1. EM
 2. EN
 3. IC
 4. IM
- 1-34. The GS rating is divided into how many groups?
1. One
 2. Two
 3. Three
 4. Four
- 1-35. Which of the following ratings is responsible for performing preventive and corrective maintenance on Navy timepieces?
1. IM
 2. IC
 3. EM
 4. OM

IN ANSWERING QUESTIONS 1-36 THROUGH 1-42, SELECT FROM COLUMN B THE PERSONNEL RESPONSIBLE FOR THE DUTIES IN COLUMN A. RESPONSES FROM COLUMN B MAY BE USED MORE THAN ONE TIME.

<u>A. DUTIES</u>	<u>B. PERSONNEL RESPONSIBLE</u>
1-36. Assists the division officer in coordinating and administering the division	1. Damage control assistant 2. Administrative assistant 3. Main propulsion assistant
1-37. Functions as an aid to the engineer officer in the details of administration	4. Division CPO
1-38. Responsible for control of the ship's stability, list, and trim	
1-39. In charge of the A and R division shops	
1-40. Responsible for the preparation and care of the Engineering Log and Engineer's Bell Book	
1-41. Responsible for the care, stowage, and use of fuels and lubricating oils	
1-42. Supervises the maintenance of department records and maintains a tickler file on all required reports	

- 1-43. The planned maintenance system was established for which of the following purposes?
1. To describe the methods and tools to be used on a job
 2. To plan and schedule maintenance tasks
 3. To estimate and evaluate material readiness
 4. All of the above
- 1-44. What is the primary objective of the Ships' 3-M Systems?
1. To provide for managing maintenance and maintenance support in a way to ensure maximum equipment operational readiness
 2. To ensure that hazardous conditions do not exist in a working area
 3. To ensure 100% availability of all shipboard systems
 4. To ensure that all ships are properly manned with the appropriate ratings
- 1-45. The use of DANGER or CAUTION tags is NOT a substitute for other safety measures, such as locking valves or pulling fuses.
1. True
 2. False
- 1-46. Normally, which of the following personnel fills out and signs the record sheet and prepares the tags?
1. The commanding officer
 2. The executive officer
 3. The petty officer in charge of the work
 4. The engineer officer
- 1-47. What type of tag or label is used to prohibit the operation of equipment that could jeopardize the safety of personnel or endanger equipment?
1. A red DANGER tag
 2. A yellow CAUTION tag
 3. An OUT-OF-CALIBRATION label
 4. An OUT-OF-COMMISSION label

1-48. As a Fireman, you will NOT be required to stand watches in engineering spaces.

1. True
2. False

1-49. Which of the following watches is in charge of the main propulsion plant and associated auxiliaries?

1. The throttle watch
2. The EOOW
3. The DCC watch
4. The cold-iron watch

1-50. A burnerman is responsible for all EXCEPT which of the following duties?

1. Cutting burners in and out as directed by the BTOW
2. Changing atomizers when authorized by the BTOW
3. Lighting fires or cutting in additional burners
4. Changing the speed of the ship's propellers

1-51. Which of the following watches constantly checks the pressures, temperatures, vacuum, and salt content of the distilled water aboard the ship?

1. The evaporator watch
2. The shaft alley watch
3. The cold-iron watch
4. The messenger of the watch

1-52. Who is responsible for preparing the watch, quarter, and station bill for a division?

1. The commanding officer
2. The executive officer
3. The command duty officer
4. The division officer

IN ANSWERING QUESTIONS 1-53 THROUGH 1-58, SELECT FROM COLUMN B THE ENGINEERING WATCHES RESPONSIBLE FOR THE DUTIES IN COLUMN A. RESPONSES FROM COLUMN B MAY BE USED MORE THAN ONE TIME.

<u>A. DUTIES</u>	<u>B. ENGINEERING WATCHES</u>
1-53. Checks all sea valves after working hours when the ship is in dry dock	1. Throttle watch 2. Sounding and security watch 3. Messenger of the watch
1-54. Usually assigned as the sound-powered telephone talker when the ship is undergoing close maneuvering conditions with other ships, entering or leaving port, or refueling or replenishing from another ship	4. Cold-iron watch
1-55. Functions as the ship's first line of defense in maintaining watertight integrity while on watch	
1-56. Complies with orders from the bridge concerning the movement of the ship's propellers	
1-57. Primary mission is to look for fire and flooding hazards	
1-58. Ensures that weights, such as fuel oil or feedwater, are NOT shifted without permission of the engineer officer or DCA	

1-59. Which of the following publications will provide you with information about the watch, quarter, and station bill?

1. Naval Ships' Technical Manual, chapter 541
2. Catalog of Training Courses
3. Basic Military Requirements
4. The Advancement Handbook for Petty Officers

1-60. You will generally find which of the following information on the watch, quarter, and station bill?

1. Watch assignments for each person under various conditions of readiness
2. The station and job each person will have in emergency situations
3. A listing of each person as to billet number, locker number, bunk number, compartment number, name, rating, and rate
4. All of the above